B2. (Cont

transformer comprising a winding, and a traction supply line fed by the transformer station, wherein said winding includes insulation comprising at least two semiconducting layers, each layer providing a substantially equipotential surface, and solid insulation between said semiconducting layers.

B3

Claim 12. (Amended) The system as claimed in claim 11, wherein said rotating converter is asynchronous.

B4

Claim 21. (Amended) The system as claimed in claim 1, including a magnetic circuit having flux paths in at least one of a core of the magnetic circuit comprising at least one of laminated sheet plate, rough forged iron, cast iron and powder-based iron.

REMARKS

This is in response to the Office Action of May 21, 2002, in which the Examiner objected to references to the claims in the specification. The Examiner also proposed that certain figures be labeled as "Prior Art". With respect to the former, the specification has been amended to delete reference to the claims. The Examiner's suggestion that the specification be further corrected as to the layout is not understood. Applicants have followed U.S. practice and describe the features of the invention in turn and with reference to the drawing figures. The invention is directed to an electricity supply system employing devices having a winding having two semiconducting layers and an intermediate solid insulation. This allows operation of the various devices at high voltage levels not heretofore available in such systems.